



ABSTRACT OF THE DISCLOSURE

An actuating unit is provided for an electromechanically actuated disc brake for automotive vehicles, substantially comprising a driving unit or an electric motor, an actuating element by which one of two friction linings displaceably arranged within a brake caliper is brought into engagement with a brake disc, and a reduction gear. In order to determine a reaction force occurring during actuation, a sensor device for sensing the reaction force resulting from the actuating force applied by the actuating unit is provided between the guide piece and the brake caliper or a gearbox housing connected to the brake caliper, respectively.